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34206 7590 09/27/2004

FOGG AND ASSOCIATES, LLC
P.O. BOX 581339
MINNEAPOLIS, MN 55458-1339

12/23/2004 WAFWAF 00000103 09183715

01 FC:1501 1400.00 OP
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Nicole Landree	(Depositor's name)
<i>Nicole Landree</i>	(Signature)
December 21, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/183,715	10/30/1998	VINCENTZIO I. ROMAN	500.709US1	3436

TITLE OF INVENTION: USING ALTERNATE POLARIZATION IN FIXED WIRELESS SYSTEM DEPLOYMENT FOR IMPROVED CAPACITY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	12/27/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, CONGVAN	2683	455-446000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Fogg & Associates, LLC

2. David N. Fogg

3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

ADC Telecommunications, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Minnetonka, MN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☒ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 502432 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date December 21, 2004

Typed or printed name David N. Fogg

Registration No. 35.138

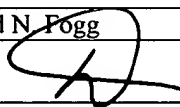
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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DEC 27 2004

Applicant	V. Roman	GENERAL TRANSMITTAL FORM UNDER 37 CFR 1.8 (LARGE ENTITY)
Serial No.	09/183,715	
Filing Date	October 30, 1998	
Group Art Unit	2683	
Examiner Name	Congvan Tram	
Allowed	September 27, 2004	
Confirmation No.	3436	
Attorney Docket No.	100.104US01	
Title: USING ALTERNATE POLARIZATION IN FIXED WIRELESS SYSTEM DEPLOYMENT FOR IMPROVED CAPACITY		

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Enclosures			
<p>The following documents are enclosed:</p> <p><input checked="" type="checkbox"/> Form PTOL-85B (Issue Fee Transmittal) in duplicate. <input checked="" type="checkbox"/> Credit Card Payment Form (1 pg.) for Issue Fee (\$1400.00) and Publication fee (\$300.00). <input checked="" type="checkbox"/> A return postcard.</p> <p>CUSTOMER NO. 34206</p> <p>Fogg & Associates, LLC P.O. Box 581339 Minneapolis, MN 55458-1339 T – (612) 332-4720 F – (612) 332-4731</p> <p>Please charge any additional fees or credit any overpayments to Deposit Account No. 502432.</p>			
Submitted By			
Name	David N. Fogg	Reg. No.	35,138
Telephone	(612) 332-4720		
Signature			Date
December 21, 2004			
Certificate of Mailing			
<p>I certify that this correspondence and the identified documents listed on this transmittal are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 21, 2004.</p>			
Name	Nicole E. Landree	Signature	